

Application No.: 09/704904

Docket No.: CXT-054

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for partial page regeneration of a transmitted page by a server, said method comprising:
 - receiving page generation code that generates a page, the page comprising a plurality of dynamic portions;
 - transmitting said page to a client for display;
 - associating a portion of said ~~transmitted received page generation code~~ with an executable code fragment of said page generation code; and
 - executing said associated executable code fragment of said code to regenerate said produce a modified version of one of the plurality of dynamic portions of said transmitted page; and
 - transmitting to the client the modified version of one of the plurality of dynamic portions and an identifier specifying one of the plurality of dynamic portions of the transmitted page to be replaced by the modified versions of one of the dynamic portions.
2. (Cancelled)
3. (Currently Amended) The method of claim 1 further comprising ~~manipulating execution of said page generation code to enable selective execution of said~~ selectively executing the associated code fragment.
4. (Currently Amended) The method of claim 3 wherein the step of ~~manipulating selectively executing~~ further comprises intercepting communication between said associated code fragment and other parts of said page generation code to enable execution of less than said entire page generation code.
5. (Currently Amended) The method of claim 3 wherein the step of ~~manipulating selectively executing~~ further comprises adding additional code to operate with said page generation code to enable selective execution of said associated code fragment.
6. (Original) The method of claim 1 wherein the step of associating further comprises:
 - executing a code fragment of said page generation code to generate an output; and
 - identifying with an identification tag said generated output of said executed code fragment to identify which portion of said transmitted page is created by said executed code fragment.

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7. (Original) The method of claim 6 wherein the step of identifying further comprises inserting said identification tag at the beginning and the ending of said generated output.
8. (Original) The method of claim 1 wherein said code is formatted as a servlet.
9. (Original) The method of claim 1 wherein said page is formatted as a Hypertext Markup Language (HTML) page.
10. (Cancelled)
11. (Cancelled)
12. (Currently Amended) A server for partial page regeneration of a transmitted page, said server comprising:
- a transceiver in communication with a client, said transceiver transmitting ~~said a page to said the client for display the page generated by execution of page generation code and the page comprising a plurality of dynamic portions;~~ and
- a partial page regenerator in communication with said transceiver ~~and an external page code source,~~ said partial page regenerator ~~receiving page generation code that generates said page from said external page code source,~~ associating a portion of ~~said the received page generation code~~ with an executable code fragment, ~~of said page generation code and executing said associated executed code fragment of said code to regenerate said portion of said transmitted page produce a modified version of one of the plurality of dynamic portions of said transmitted page, and providing to the transceiver for transmission to the client the modified version of one of the plurality of dynamic portion and an identifier.~~
13. (Currently Amended) The server of claim 12 ~~wherein said external page code further comprising a source is located on said server of page generation code.~~
14. (Cancelled)
15. (Currently Amended) The server of claim 12 wherein said partial page regenerator is ~~further configured selectively to manipulate execution of said page generation code to enable selective execution of executes~~ said associated code fragment.
16. (Currently Amended) The server of claim 15 wherein said partial page regenerator is ~~further configured to intercepts~~ communication between said associated code fragment and other parts of said code to enable execution of less than said entire page generation code.
17. (Currently Amended) The server of claim 15 wherein said partial page regenerator is ~~further configured to adds~~ additional code to operate with said page generation code to enable selective execution of said associated code fragment.

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18. (Currently Amended) The server of claim 12 wherein said partial page regenerator is ~~further configured to executes~~ said code fragment to generate an output and inserts an identification tag at beginning and ending of said generated output of said executed code fragment to identify which portion of said transmitted page is created by said executed code fragment.

19. (Currently Amended) The server of claim 18 wherein said partial page regenerator is ~~further configured to stores~~ a relationship between said portion of said page and said code fragment of said code that generates said portion.

20. (Cancelled)

21. (Cancelled)

22. (Currently Amended) A system for partial page regeneration of a transmitted page, said system comprising:

an external page code source;

a client comprising:

a client transceiver, ~~said client transceiver~~ receiving said a page, the page comprising a plurality of dynamic portions; and

a server comprising:

~~a server transceiver in communication with said client, said server transceiver transmitting said page to said client for display; and~~

a partial page regenerator ~~in communication with said server transceiver and said external page code source, said partial page regenerator receiving from said external page code source page generation code that generates said page, associating a portion of said received page generation code with an executable code fragment, of said page generation code and executing said associated executable code fragment of said code to produce a modified version of one of the plurality of dynamic portions regenerate said portion of said transmitted page; and~~

a server transceiver in communication with said partial page regenerator, said server transceiver transmitting to said client the modified version of one of the plurality of dynamic portions and an identifier specifying one of the plurality of dynamic portions of the transmitted page to be replaced by the modified versions of one of the dynamic portions.

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23. (Original) The system of claim 22 wherein said external page code source is located on said server.

24. (Currently Amended) The system of claim 23 wherein said partial page regenerator ~~is further configured to send~~ said modified version of one of the plurality of dynamic portions and said identifier regenerated portion to said server transceiver for transmission to said client.

25. (Currently Amended) The system of claim 23 wherein said partial page regenerator ~~is further configured to manipulate~~ execution of said page generation code to enable selective execution of said associated code fragment.

26. (Currently Amended) The system of claim ~~26-23~~ wherein said partial page regenerator ~~is further configured to intercept~~ communication between said associated code fragment and other parts of said code to enable execution of less than said entire page generation code.

27. (Currently Amended) The system of claim 26 wherein said partial page regenerator ~~is further configured to add~~ additional code to operate with said page generation code to enable selective execution of said associated code fragment.

28. (Currently Amended) The system of claim 23 wherein said partial page regenerator ~~is further configured to execute~~ said code fragment to generate an output and insert an identification tag at beginning and ending of said generated output of said executed code fragment to identify which portion of said transmitted page is created by said executed code fragment.

29. (Currently Amended) The system of claim ~~29-23~~ wherein said partial page regenerator ~~is further configured to store~~ a relationship between said portion of said page and said code fragment of said code that generates said portion.